



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/pera/](http://www.miamidade.gov/pera/)

**Eurotech Industries, Inc.**  
**4201 NE 12 Terrace**  
**Fort Lauderdale, FL 33334**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series "Tradewind" Single Outswing Aluminum Entrance Door w/ SHW-LMI**

**APPROVAL DOCUMENT:** Drawing No. **W10-06 Rev B**, titled "Tradewind Alum. Outswing Ent. Door (L.M.I.)", sheets 1 through 6 of 6, dated 02/17/10 and last revised on APR 24, 2011, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA # 10-0322.13** and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



*J. Gascon*  
*4/24/12*

NOA No 12-0207.04  
Expiration Date: June 10, 2014  
Approval Date: May 03, 2012  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections (transferred from file # **10-0322.13**)
2. Drawing No. **W10-06 Rev B**, titled "Tradewind Alum. Outswing Ent. Door (L.M.I.)", sheets 1 through 6 of 6, dated 02/17/10 and last revised on Nov 15, 2011, prepared by AL-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS (transferred from file # **10-0322.13/08 -0507.10**)**

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
5) Large Missile Impact Test per FBC, TAS 201-94  
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of aluminum outswing door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No.'s **HETI-10-3004**, **HETI-10-3005**, **HETI-10-3006**, **HETI-10-3007** and **HETI-09-2563**, dated 02/11-12/10 and Test Reports No.'s **HETI-08-2021**, **HETI-08-2022**, **HETI-08-2023** and **HETI-08-2024**, all dated 03/15/08, all signed and sealed by Candido Font, P.E.

2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
5) Large Missile Impact Test per FBC, TAS 201-94  
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
7) Tensile Test, per FBC, ASTM E8-01


along with marked-up drawings and installation diagram of aluminum outswing door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No.'s **HETI-03-1882**, **HETI-08-1889**, **HETI-08-1890**, **HETI-08-2024** and **HETI-04-T100**, all dated 01/15/04 through 02/09/04, all signed and sealed by Rafael E. Droz-Seda, P. E. (*Submitted under previous NOA No.04 -0428.03*)

**C. CALCULATIONS**

1. Statement letter of conformance to FBC 2010 & no financial interest, prepared by Al Farooq Corporation, dated 11/10/11, signed and sealed by Javad Ahmad, P.E.
2. Anchor verification calculations, complying with FBC 2007, prepared by Al Farooq Corporation, dated 05/05/10, signed and sealed by Javad Ahmad, P.E. (transferred from file # **10-0322.13**)
3. Glazing complies w/ ASTM E-1300-02 & -04

**D. QUALITY ASSURANCE**

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).



Jaime D. Gascon, P.E.  
Chief, Product Control Section Supervisor  
NOA No 12-0207.04  
Expiration Date: June 10, 2014  
Approval Date: May 03, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-0624.02** issued to E.I. DuPont DeNemours & Co., Inc. for their **"DuPont Sentry Glass @ Plus"**, expiring on 11/14/17.
2. Notice of Acceptance No. **11-0624.01** issued to E.I. DuPont DeNemours & Co., Inc. for their **"DuPont Butacite PVB interlayer"**, expiring on 12/11/16.
3. Notice of Acceptance No. **11-0325.05** issued to Solutia Inc. for their **"Saflex Clear or colored interlayer"**, expiring on 05/21/16.

**F. STATEMENTS**

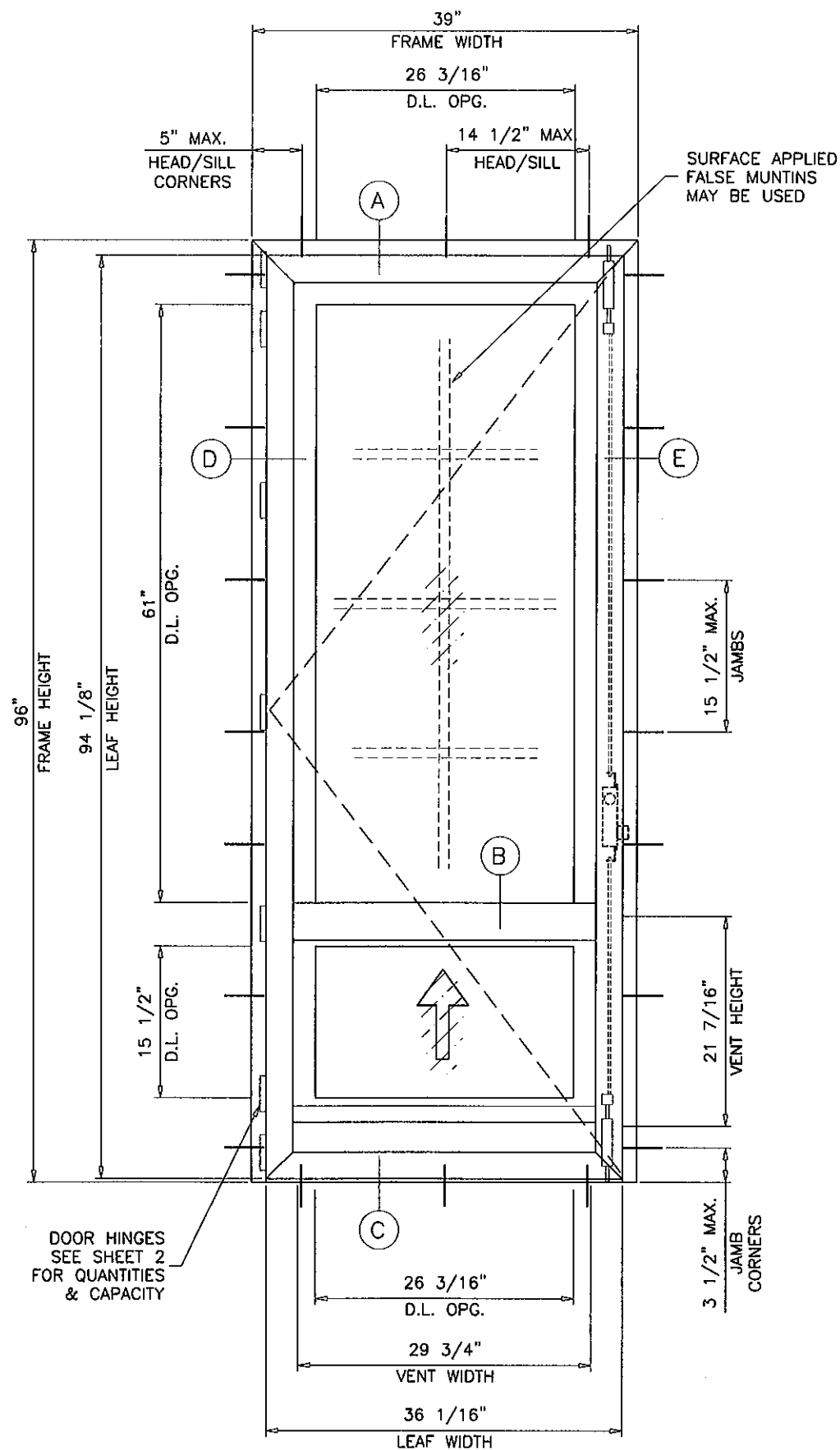
1. Statement letter of conformance to FBC 2010 & no financial interest, prepared by Al Farooq Corporation, dated 11/10/11, signed and sealed by Javad Ahmad, P.E.
2. Statement letter of conformance to FBC 2007 & no financial interest, prepared by Al Farooq Corporation, dated May 04, 2010, signed and sealed by Javad Ahmad, P.E.(submitted under NOA # **10-0322.13**)
3. Lab compliance as part of the above referenced test reports.

**G. OTHER**

1. This NOA **revises** NOA # **10-0322.13**, expiring on June 10, 2014.



Jaime D. Gascon, P.E.  
Chief, Product Control Section Supervisor  
NOA No 12-0207.04  
Expiration Date: June 10, 2014  
Approval Date: May 03, 2012



TYPICAL ELEVATION

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

#### TRADEWIND ALUM OUTSWING ENTRANCE DOOR

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FRENCH DOOR/FRENCH DOOR OR FRENCH DOOR WITH OTHER DOOR TYPES IN MODULES OF TWO OR MORE DOORS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM DOORS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

**PRODUCT REVIEWED**  
in compliance with the Florida  
Building Code  
Approval No 12-0207-04  
Expiration Date JUNE 10, 2014  
By: [Signature]  
Miami Dade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

APR 24 2012

**afC**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W10-06EWD

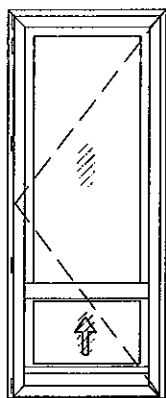
TRADEWIND ALUM OUTSWING ENT. DOOR (L.M.I.)  
**EUROTECH INDUSTRIES INC.**  
4201 N.E. 12TH TERRACE  
FT. LAUDERDALE, FL. 33334  
TEL. (954) 630-9967 FAX. (954) 630-0217

Revisions:		no	date	by	description
A	B	05.03.10	NO CHANGE THIS SHEET		
		11.11.11	UPDATED TO 2010 FBC		

date: 02-17-10  
scale: 3/4"=1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W10-06**

sheet 1 of 6



DESIGN LOAD CAPACITY - PSF			
DOOR SIZE		GLASS TYPES 'A', 'B' & 'C'	
WIDTH	HEIGHT	EXT. (+)	INT. (-)
2/8	6/8	75.0	85.0
3/0		75.0	85.0
3/3		75.0	85.0
2/8	7/0	75.0	85.0
3/0		75.0	85.0
3/3		75.0	85.0
2/8	8/0	75.0	85.0
3/0		75.0	85.0
3/3		75.0	85.0

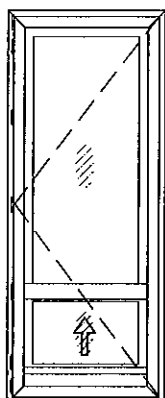
DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

**LOCKS:**

3 POINT LOCK SYSTEM AT ACTIVE LOCK STILE 36" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR.  
STRIKE PLATE  
1-1/4" X 1/4" X 16-1/4" LONG  
ATTACHED WITH (2) #8 X 3/4" SMS

**HINGES:**

TWO-HANDED COMB HING  
EXTRUDED ALUMINUM BRIDGE 2  
BY 'GIESSE'  
(5) PER LEAF  
AT 6", 12", 35", 63-1/2" AND  
92-1/2" FROM TOP OF DOOR



DESIGN LOAD CAPACITY - PSF			
DOOR SIZE		GLASS TYPES 'A', 'B' & 'C'	
WIDTH	HEIGHT	EXT. (+)	INT. (-)
2/8	6/8	85.0	115.0
3/0		85.0	115.0
3/3		85.0	115.0
2/8	7/0	85.0	115.0
3/0		85.0	115.0
3/3		85.0	115.0
2/8	8/0	85.0	115.0
3/0		85.0	115.0
3/3		85.0	115.0

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

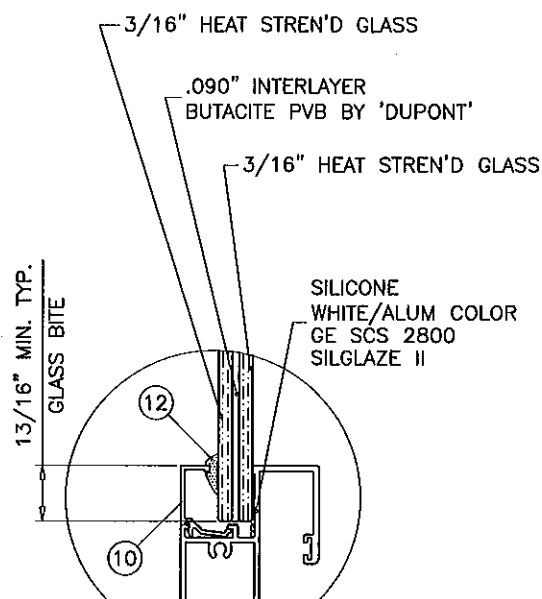
**LOCKS:**

MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP AND BOTTOM OF LEAF PART #02181 ATTACHED WITH (4) #10 X 1-1/2" SMS.  
3 POINT LOCK SYSTEM AT LOCK STILE 36" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR.  
STRIKE PLATE  
1-1/4" X 1/4" X 16-1/4" LONG  
ATTACHED WITH (2) #8 X 3/4" SMS

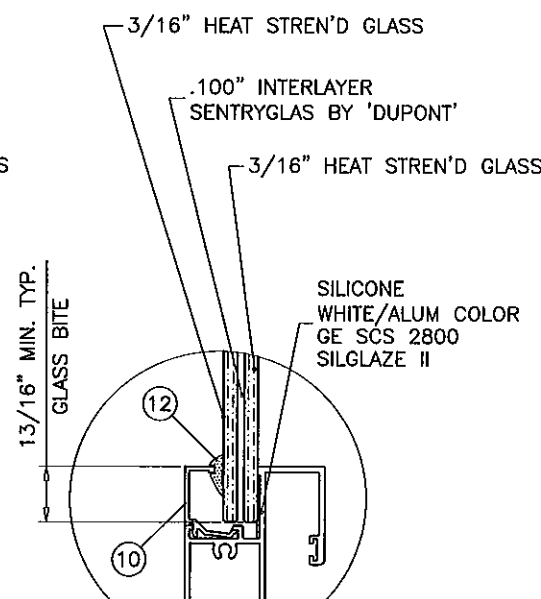
**HINGES:**

TWO-HANDED COMB HING  
EXTRUDED ALUMINUM BRIDGE 2  
BY 'GIESSE'  
(7) PER LEAF AT 7/0 AND 8/0 DOORS  
AT 3", 9" AND 26-3/8" FROM  
TOP AND BOTTOM, ONE AT MIDSPAN  
(6) PER LEAF AT 6/8 DOORS  
AT 3", 9" AND 26-3/8" FROM  
TOP AND BOTTOM

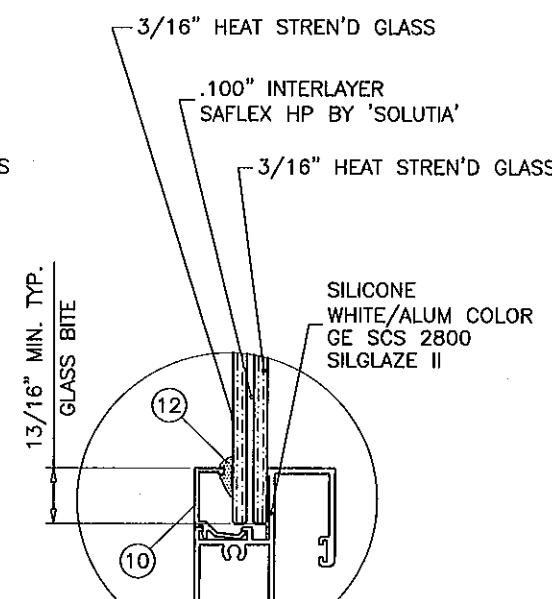
NOTE: TOP AND BOTTOM FLUSH BOLTS MUST BE ENGAGED DURING PERIODS OF HURRICANE WARNING.



GLASS TYPE 'A'



GLASS TYPE 'B'

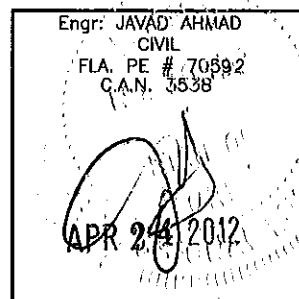


GLASS TYPE 'C'

**GLAZING OPTIONS**

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Adoptance No 12-0267-04  
Expiration Date 6/10/14  
By [Signature]  
Miami Date Product Control



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL\W10-06EWD

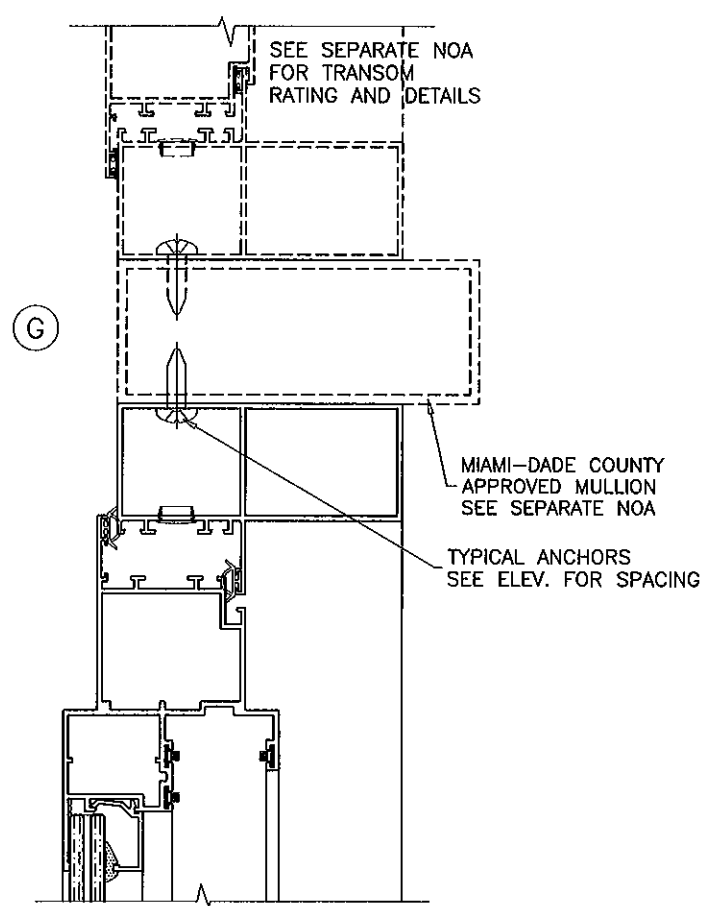
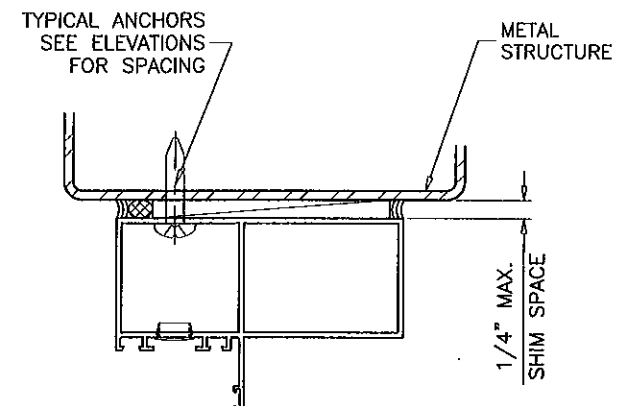
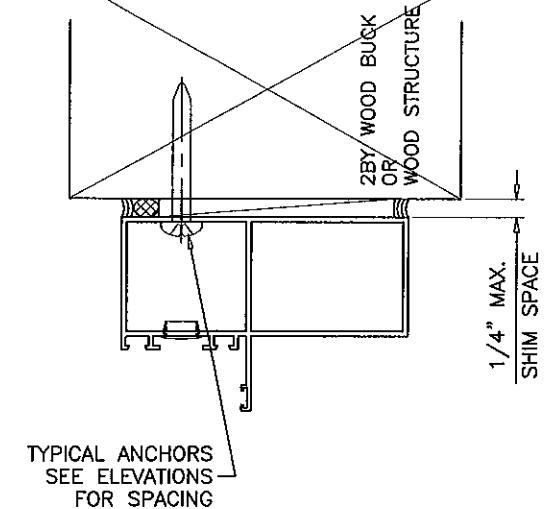
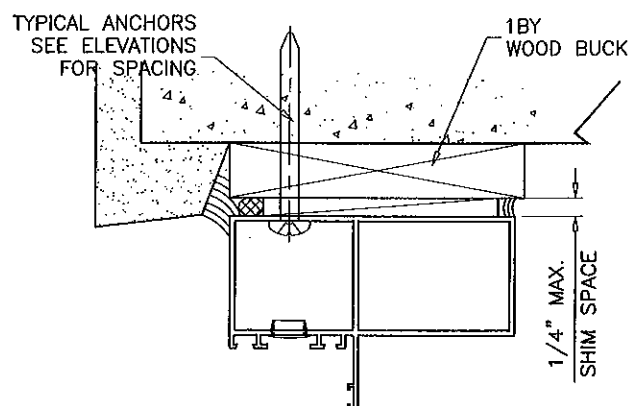
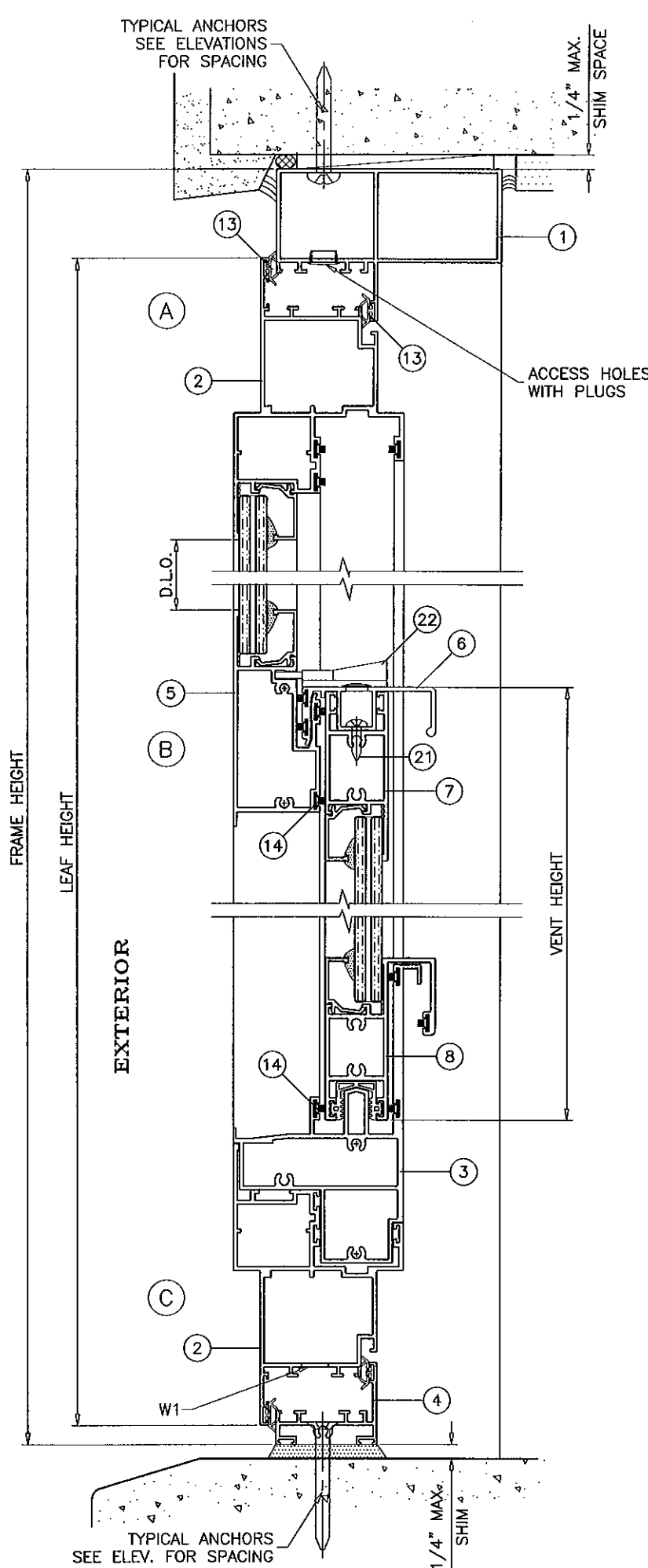
**EUROTECH INDUSTRIES INC.**  
4201 N.E. 12TH TERRACE  
FT. LAUDERDALE, FL. 33334  
TEL (954) 630-9967 FAX (954) 630-0217

TRADEWIND ALUM OUTSWING ENT. DOOR (L.M.I.)

no	date	by	description
A	05.03.10	REV. PER BOCO COMMENTS	
B	11.11.11	NO CHANGE THIS SHEET	

date: 02-17-10	scale: 3/8" = 1"	dr. by: HAMID	chk. by:
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drawing no.	W10-06
sheet	2 of 6



WOOD BUCKS AND METAL STRUCTURE NOT BY EUROTECH MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING  
 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-3/8" MIN. PENETRATION INTO WOOD  
 THRU 1BY BUCKS INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY  
 DIRECTLY INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY  
 1/4" DIA. TEKS/DRIL-FLEX SELF DRILLING SCREWS (GRADE 5 CRS)  
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS  
 INTO METAL STRUCTURES  
 STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)  
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**  
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
 INTO WOOD STRUCTURE = 1" MIN.  
 INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE f'c = 3000 PSI MIN.  
 C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.

**SEALANTS:**  
 ALL FRAME AND LEAF CORNERS AND JOINTS SEALED WITH ADSEL OR TEKNA 50729 SEALANTS.

**WEEPHOLES:**  
 W1 = 3/16" X 1/2" WEEP HOLES AT 7" FROM EACH END  
 3/16" X 1" WEEP HOLE AT CENTER

**PRODUCT REVISED**  
 to comply with the Florida  
 Building Code  
 Acceptance No 12-0207.04  
 Expiration Date 6/16/14  
 Miami Dade Product Council

Eng: JAVAD AHMAD  
 CIVIL  
 FLA. REG # 70592  
 C.A.N. 3538  
 APR 24 2012

**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL (305) 264-8100 FAX (305) 262-6978

**af c**  
 COMP-ANL W10-06WD

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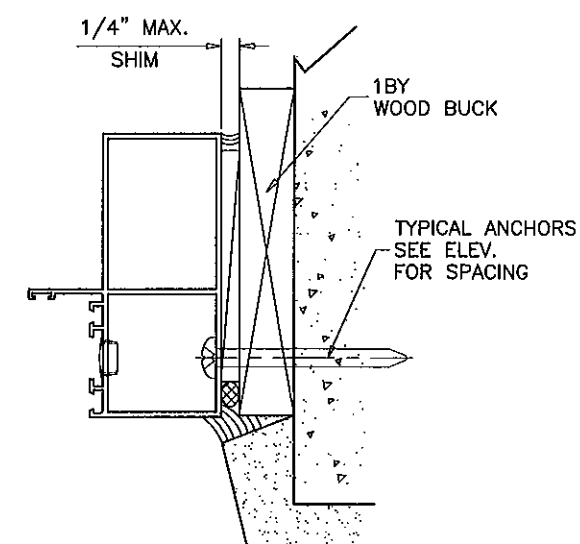
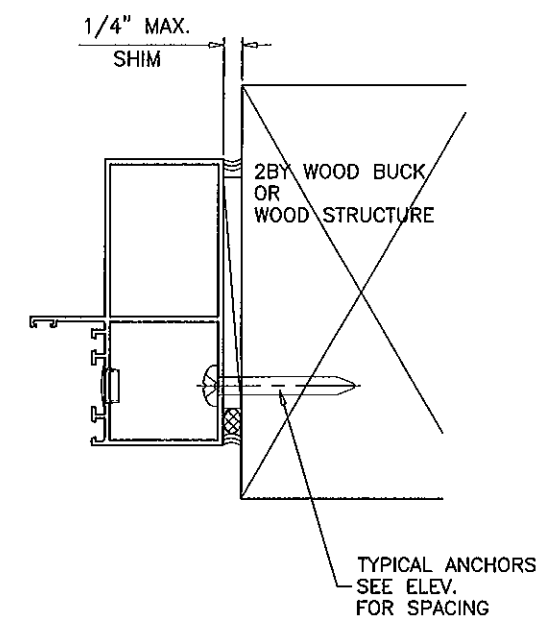
TRADEWIND ALUM OUTSWING ENT. DOOR (L.M.I.)  
**EUROTECH INDUSTRIES INC.**  
 4201 N.E. 12TH TERRACE  
 FT. LAUDERDALE, FL 33334  
 TEL (954) 630-9967 FAX (954) 630-0217

revisions:	no	date	by	description
	A	05.03.10		NO CHANGE THIS SHEET
	B	11.11.11		NO CHANGE THIS SHEET

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date: 02-17-10  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W10-06**  
 sheet 3 of 6



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 12-0207-04  
Expiration Date 6/10/14  
By [Signature]  
Florida State Product Council

Engr: JAVAD AHMAD  
CIVIL  
FLA PE # 70592  
C.A.N. 3538

APR 24 2012

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TRADEWIND ALUM OUTSWING ENT. DOOR (L.M.I.)

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revisions:		no	date	by	description
	A	05.03.10			NO CHANGE THIS SHEET
	B	11.11.11			NO CHANGE THIS SHEET

date: 02-17-10

scale:  $3/8'' = 1'$

dr. by: HAMID

chk. by:

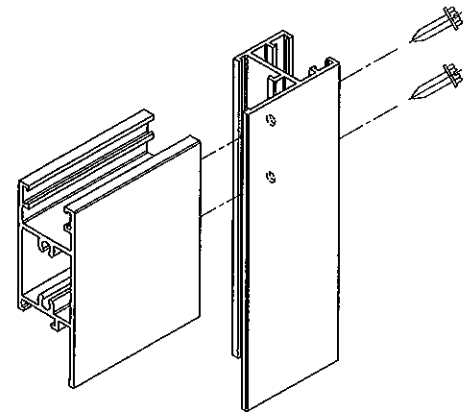
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W10-06

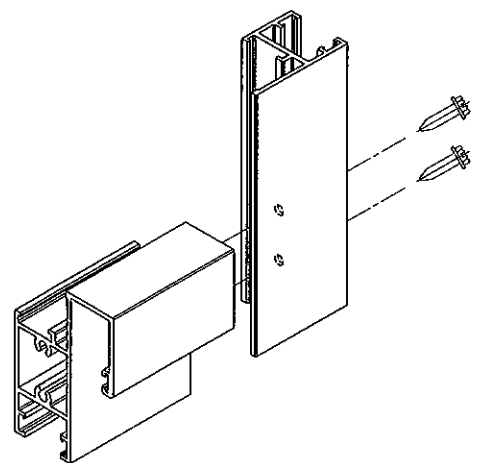
sheet 4 of 6



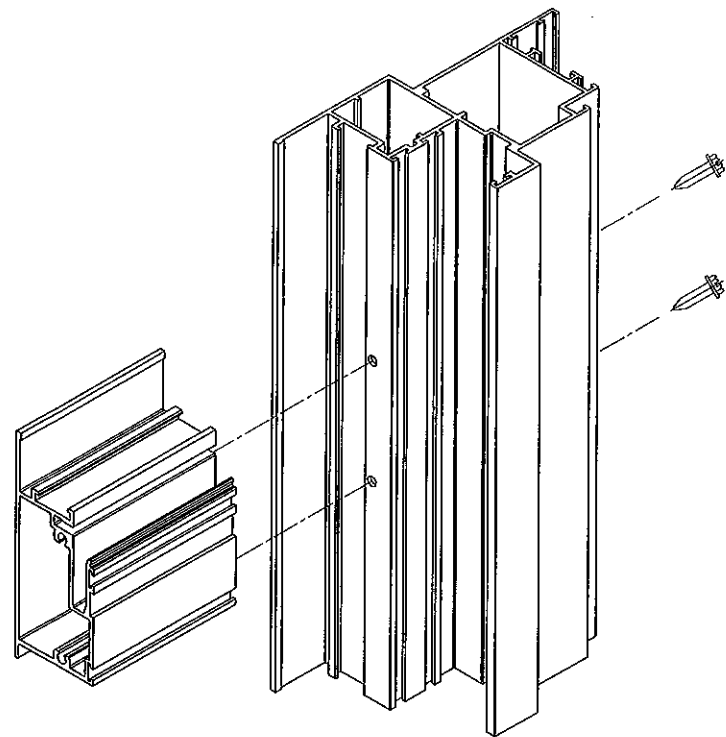




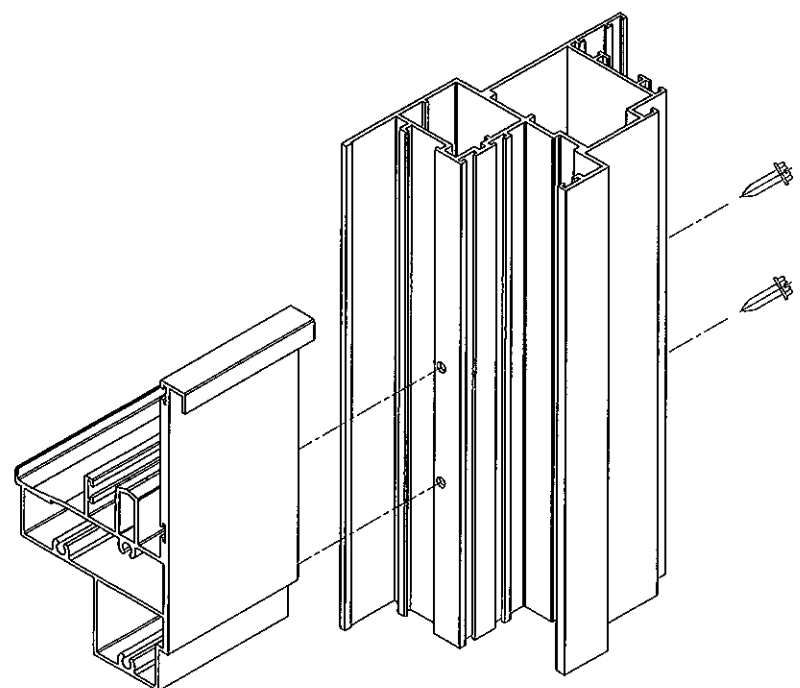
VENT TOP CORNER



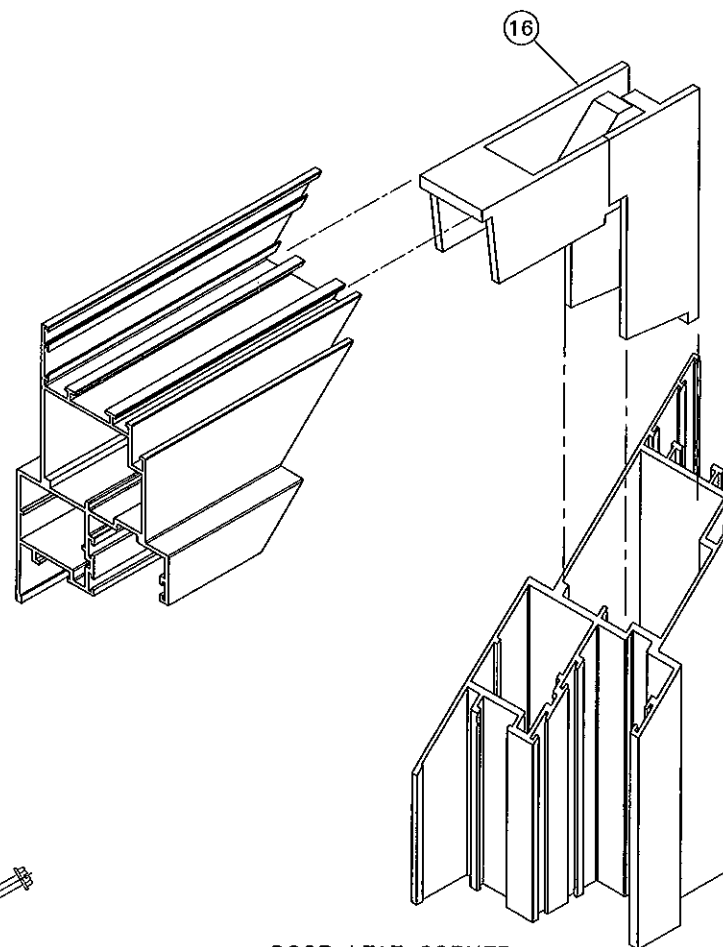
VENT BOTTOM CORNER



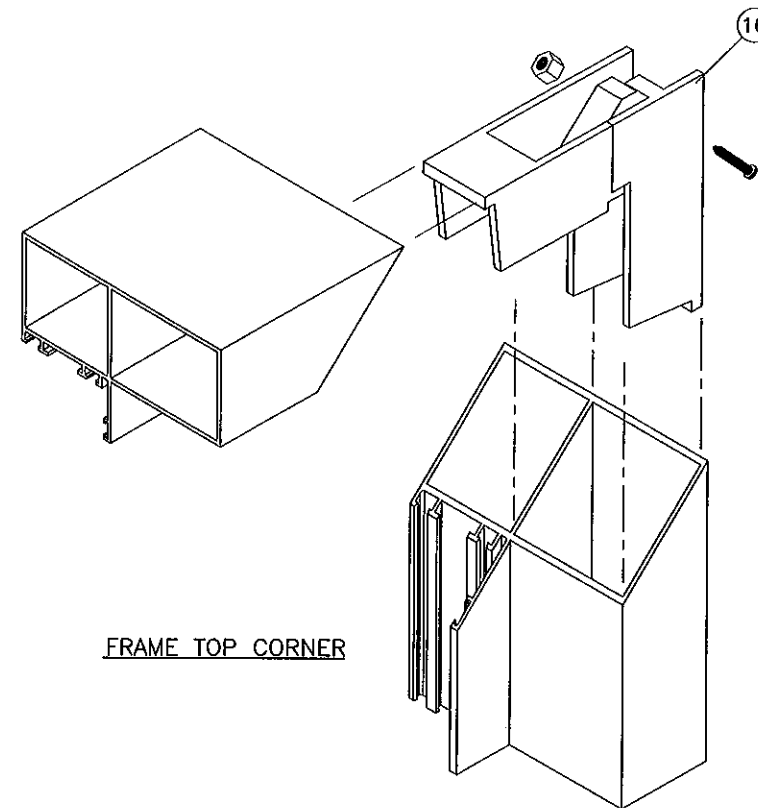
FIX. RAIL CORNER



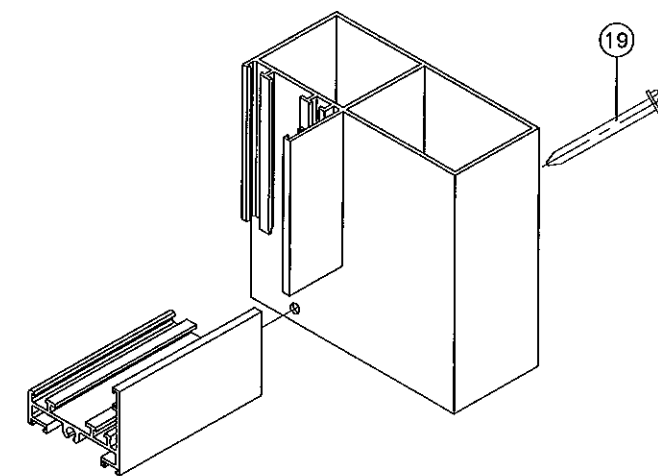
WINDOW SILL CORNER



DOOR LEAF CORNER

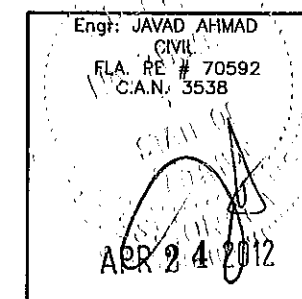


FRAME TOP CORNER



FRAME BOTTOM CORNER

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0207.04  
Expiration Date JUNE 10, 2014  
By *[Signature]*  
Al-Farooq Product Control



**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978

**a f c**

COMP-ANL W10-06EWD

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TRADEWIND ALUM OUTSWING ENT. DOOR (L.M.I.)  
**EUROTECH INDUSTRIES INC.**  
4201 N.E. 12TH TERRACE  
FT. LAUDERDALE, FL. 33334  
TEL (954) 630-9967 FAX (954) 630-0217

revisions:	
no	description
A	05.03.10 NO CHANGE THIS SHEET
B	11.11.11 NO CHANGE THIS SHEET

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date: 02-17-10  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W10-06**  
sheet 6 of 6